

Professional Resume

John Arrol Oldham, BE, FIEAUST, CPEAUST.

Personal: Date of birth- 25 August, 1928
Married to Jean, three children

Address: 44 Berkeley Crescent,
Floreat,
Western Australia 6014

Academic: Primary School- Government school, Perth, WA.
Secondary School- Hale School (private), Perth, WA.
Tertiary- University of Western Australia, Perth.
Post Graduate- Perth Technical College.
Imede, Lausanne, Switzerland.
Degrees- Bachelor of Engineering, UWA.
Diplomas- Diploma of Management Studies, Perth
Technical College.
WA Institute of Technology, Japanese
Language

**Professional
Institutions:** Fellow of the Institution of Engineers, Australia.
Chartered Professional Engineer, Australia.
Member of the Royal Society.

Business

Appointments: Engineer, production manager, director; John Dunstan & Son
(WA) Pty Ltd., Quarry Master, Western Australia and
South Australia.
Project department manager, The Readymix Group (WA),
Quarry Master and concrete manufacturer.
Project manager, Halpern Glick, consulting engineers, Perth.
Director, Terra Trading Co Pty. Ltd., [WA]. Agricultural
chemical supplier.
Director, Graincol Pty. Ltd. [WA]. Alcohol manufacturers.
Chief executive, director, managing director, WA chip & Pulp
Co Pty. Ltd. [WA]. Wood chip manufacturer.
Director, Bunnings Ltd., [WA]. Forest product industries.
Director, Bunning Forest Products Pty. Ltd. [WA]. Wood
products manufacturer.
Director, Bunnings Treefarms Pty. Ltd. [WA]. Tree plantation
contractors.
Director Bunnings Tree Plantations Ltd. Tree plantation
owners.

Other positions:

Member of the Board of King Edward Memorial Hospital for Women.
Member of the Management Committee of the King Edward Memorial Hospital Research Foundation.
Chairman of the Forest Products Association of WA. Industry association [6 years]
Director of the National Association of Forest Industries, Canberra. [8 years].
Member of the Weld Club, (WA)
Member of the Lake Karrinyup Country Club (WA)
Member of the Suburban Hockey Club (WA)

Employment:

During university studies-	John Dunstan & Son (WA) Pty Ltd, quarry master
1952-1963	dito
1963-1966	The Readymix Group (WA), quarrying and concrete
1966-1969	Halpern Glick, consulting civil engineers
1969-1991	Bunnings Limited (WA), timber and hardware
1991-1995	Consultant, Bunnings Limited.
1995-	Consultant and director of Prowood Pty Ltd, forest industries developer

As at July, 1998

Details of professional responsibilities of John Arrol Oldham as at October, 1994

Academic and Professional Associations

After completing his schooling in Western Australia, Mr. Oldham was awarded a Bachelor of Engineering degree at the University of Western Australia and was admitted as an associate member of the Institution of Engineers, Australia.

In later years Mr. Oldham, after four years study, was awarded a Diploma of Management Studies from the Perth Technical College, became a Member of the Institute of Quarrying, England and became a fellow of the Institution of Engineers Australia

He has attended courses on computer use and CPM/PERT programming, international finance and business strategies at Imede, Lausanne, Switzerland and Japanese language.

Design Engineering Experience

As a junior engineer, Mr. Oldham, for three years, designed drains and roads and supervised contracts for local government under the direction of a consulting engineer.

Mr. Oldham then became fully employed for 10 years as an engineer in the quarrying and raw materials industry in Western Australia. He designed conveyors, crushing stations, apron feeders, compressor installations, structures bins, process feeding plants, electrical distribution and control systems, minor buildings and transport systems all associated with the industry. In most cases he was also responsible for the installation and operation of the facilities.

The most advanced wood chip mill and vessel loading facility in the world, at the time, was designed in accordance with Mr. Oldham's direction and based on his experience and overseas studies. Vessel loading capacity of over 1,000 long tonnes per hour was a record and the use of quick bottom dumping rail waggons was a world first for this product.

Construction Engineering Experience

As an engineer in the extractive industries, Mr. Oldham, then an employee of John Dunstan & Son (WA) Ltd., was responsible for the complete modernisation of a major quarry in Perth and the construction of a crushing and screening plant in Geraldton, two sand processing plants, two continuous vertical lime kilns and electrical installations using grid and portable systems.

During three years of employment by The Readymix Group, Mr. Oldham designed and undertook the complete purchase, installation and commissioning of an asphalt

mixing plant and paving train. He was also associated with a wide variety of concrete construction, including the popularisation of concrete floors, and quarry site location and development.

The wood chip mill at Manjimup and the vessel chip loader at Bunbury were constructed under Mr. Oldham's direction, total cost of the project being \$14,000,000 in 1975. This project was finished within time and money budgets.

Investigation Experience

Mr. Oldham has for many years travelled throughout Western Australia searching for deposits of sand, gravel, stone and limestone for development for commercial purposes. He has also searched for sand, gravel and stone in the eastern half of New South Wales and for limestone and stone in the environs of Canberra. In each case sampling and economic assessment were features of the project.

Exploration sampling techniques were used by Mr. Oldham when the quality of the Western Australian forests for wood chip production were assessed, in conjunction with CSIRO, prior to obtaining a sales contract. Fifteen years of operations have confirmed that the sampling and test results were correct.

Feasibility Study Experience

Full reports have been prepared by Mr. Oldham on the political, engineering, marketing feasibility and economic viability of many projects in Western Australia, including the establishment of commercial crushed stone, gravel and ready mixed concrete production facilities at Wyndham, Kununurra, Derby, Port Hedland, Mt. Goldsworthy, Dampier, Mt. Tom Price, Exmouth, Carnarvon, Geraldton, Kalgoorlie, Collie Narrogin and Perth, the construction of a railway line to Australian Papers' plant at Spearwood, the establishment of an explosive manufacturing plant in Western Australia, the establishment of concrete block and pre-casting factories in WA, and the establishment of asphalt and bituminous emulsion manufacturing in Perth.

In eastern New South Wales excluding Sydney, Mr. Oldham made a full study of the potential for the establishment of aggregate and concrete making facilities. At the same time he closely investigated the requirements of Canberra in this regard, and with regard to the production of lime and bricks.

Mr. Oldham initiated the export of high quality silica sand from Australia.

As a consulting engineer, Mr. Oldham conducted the engineering feasibility study for the Western Australian wood chip project.

Mr. Oldham, as Managing Director of WA Chip & Pulp Co Pty. Ltd., conducted feasibility studies for charcoal production, activated charcoal, electricity production using wood chip log bark, tree plantations and of five paper pulp mills..

Investigations were commenced in 1980 into the suitability of south-west Australia for hardwood plantations under Mr. Oldham's management and *E. globulus* was selected as the species for project development.

Development Study Experience

Two months were spent by Mr. Oldham investigating and reporting on the present and future operation of Riverview Quarries, Adelaide. He also investigated Asphalt production in Melbourne and Sydney and crushed stone production in Canberra.

In Perth studies have been made of the profitability of a road transport fleet and the effectiveness of costing systems from the point of view of management control and accounting demands.

Mr. Oldham for three years promoted the market for silica sand overseas and the extension of use of processed sand in Western Australia.

As chief executive of WA Chip & Pulp Co, Mr. Oldham sought sales and obtained sales of additional quantities of chips to Japan and other east Asia countries, and adjusted project development plans to suit the customers requirements.

He also introduced the first commercial hardwood plantations in Western Australia and established the organization required for profitable and expanding operation.

Mining Experience

Through his detailed association with the quarrying industry Mr. Oldham has engineered and managed drilling, blasting, excavation, haulage and milling operations throughout the south-west of Australia. He has also investigated and reported on operations in Adelaide and Canberra.

Mr. Oldham was responsible for the production for export of mineral silica sand during which time he became very familiar with mineral shipping, sampling and testing management requirements.

He was the first to use inclined hole rock drilling in Western Australia and the first to use ammonium nitrate/fuel oil blasting agent in the quarry industry in the state.

Timber and Forestry Experience

Mr. Oldham is familiar with sampling and testing of forests and plantations for wood quality. He has been responsible for wood procurement and forest operating standards. Logging road planning and construction has been conducted under Mr. Oldham's supervision.

Mr. Oldham has negotiated with the State Government forest managers for log supplies under long term plans to meet chip market needs. He was responsible for the effects of log extraction operations in forest environmental standards.

He was responsible for the export sales of wood chips to the value of approximately \$70,000,000 per annum in 1990. He has sold sawn timber and veneer in Japan and is familiar with sawn timber production, processing and marketing.

Managerial Experience

As manager and later, director of John Dunstan & Son (WA) Pty Ltd. Mr. Oldham was responsible to the Managing Director for 5 years for the work of 78 employees in production tasks.

He was also responsible for profitability, public relations and sales.

As manager of the projects division of the Readymix Group (WA) he was responsible for the development of initiatives of a business having \$10,000,000 invested in WA (1964). A consortium proposal with Thiess Bros. of Sydney and Foley Bros. of USA for a \$5,400,000 contract for the laying of railway was developed as part of Mr. Oldham's duties.

As a consulting project manager Mr. Oldham supervised and controlled inter-disciplinary study and design groups, developed submissions to clients, controlled costs, was the focus of communication between company and customer and kept all on time.

In the timber business Mr. Oldham has managed production, construction, design, sales, public relations, industry affairs, costing, financing, accounting and ,as managing director, participated in corporate functions.

Selling Experience

Mr. Oldham has always been involved in sales. As examples, in his earlier years he negotiated sales of concrete at Dampier and Mt. Tom Price, the concrete and aggregates at North West Cape, the supply of aggregates to Goldsworthy Mining Associates, the supply of ballast for the Western Australian Standard Gauge Railway programme, the sale of silica to Japan and Hawaii as well as numerous other small contracts.

He sold lime to the gold miners and, as a consulting engineer introduced the wood chip engineering business to his firm, Halpern Glick. Sales of export wood chips to Japan under a 15 year contract were negotiated by Mr. Oldham who also developed the documentation. Mr. Oldham was also responsible for a long-term renewal of this contract.

Market Research Experience

Using some of the latest techniques for market research, Mr. Oldham has reported on the market for concrete for crushed stone in New South Wales, Canberra, Adelaide, and the major towns in Western Australia. He has also fully investigated the market in Western Australia for concrete pipe, concrete block, explosives and light weight concrete.

He has investigated the market for silica sand and wood chips around the world, the market for sawn timber and veneer in Japan, the Australian market for cement fibre board and numerous other industrial markets.

The market for investment in tree plantations has also been studied.

Public Relations Experience

A multitude of various engineering and managerial duties over a period of 20 years has brought Mr. Oldham with Premiers, Ministers and heads of Westrail, Town Planning, Mines, Lands Administration, Main Roads, WA Water Authority, Banbury Port, Perth City, Trade and Development authorities and many others.

A full scale promotion programme for concrete was developed by Mr. Oldham which included the first of many promotional films he has had responsibility for. The promotion of numerous products has been part of his duties.

Responding to environmental concern for native forests occupied much of Mr. Oldham's time for 18 years. He has been in the forefront of managerial attention to the environment and has been closely involved in the development of company policies and was a leader in the development of National and State organisations to spread the load over the whole industry.

Financial Control Experience

Mr. Oldham has extensive experience with most aspects of finance from Board level down including costing, financial reporting and the procurement of funds.

Research Experience

Mr. Oldham was responsible for the direction of research into wood chip quality and tree productivity in conjunction with CSIRO, industry and government as well as participating in numerous development research projects in the quarrying and timber industries.

October 1994